



PATENT

Case Docket No. KAWAW34.001CP1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Aso et al.  
Appl. No. : 10/688,197  
Filed : October 17, 2003  
For : WAVELENGTH CONVERTER  
AND WAVELENGTH  
DIVISION MULTIPLEXING  
TRANSMISSION METHOD  
USING SAME  
Examiner : Unknown  
Group Art Unit : 2633

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

2/13/04  
(Date)

Thomas R. Arno, Reg. No. 40,490

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with seventeen (17) references.
- (X) Copies of two Office Actions from parent case.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Thomas R. Arno  
Registration No. 40,490  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Aso et al.
App. No.	:	10/688,197
Filed	:	October 17, 2003
For	:	WAVELENGTH CONVERTER AND WAVELENGTH DIVISION MULTIPLEXING TRANSMISSION METHOD USING SAME
Examiner	:	Unknown
Group Art Unit	:	2633

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seventeen references that are of record in U.S. patent application No. 09/750,535, filed December 28, 2000, which is the parent of this continuation-in-part application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d). Also enclosed are copies of Office Actions from the parent case.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this

**Appl. No.** : 10/688,197  
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**Docket No.** KAWAW34.001CP1  
**Customer No.** 20,995

Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 2/13/04

By: 

Thomas R. Arno  
Registration No. 40,490  
Attorney of Record  
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(619) 235-8550

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
KAWAW34.001CP1APPLICATION NO.  
10/688,197INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Aso et al.FILING DATE  
October 17, 2003GROUP  
2633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,386,314	1/1995	Jopson			
	2	5,521,733	5/1996	Akiyama et al.			
	3	5,532,868	7/1996	Gnauck et al.			
	4	5,604,618	2/1997	Mori et al.			
	5	5,619,368	4/1997	Swanson			
	6	5,636,045	6-4997	Okayama et al.			
	7	5,920,588	7/1999	Watanabe			
	8	5,946,129	8/1999	Xu et al.			
	9	6,252,698	6/2001	Oikawa			
	10	6,307,984	10/2001	Watanabe Shigeki			
	11	6,324,318	11/2001	Suzuki Yasuo			
	12	6,504,972	1/2003	Watanabe Shigeki			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	13	Watanabe, "Broadband Wavelength Conversion and Optical Phase Conjugation Using a Highly-nonlinear Fiber Four-wave Mixer," <i>Third Optoelectronics and Communications Conference (OECC '98) Technical Digest</i> , pp. 84-85, 1998
	14	Lee et al., "A Wavelength-Convertible Optical Network," <i>Journal of Lightwave Technology</i> , Vol. 11, No. 5/6, pp. 962-970, 1993
	15	Yoo, "Wavelength Conversion Technologies for WDM Network Applications," <i>Journal of Lightwave Technology</i> , Vol. 14, No. 6, pp. 955-966, 1996
	16	Watanabe et al., "Interband Wavelength Conversion of 320 Gb/s (32x10 Gb/s) WDM Signal Using a Polarization-Insensitive Fiber Four-Wave Mixer," <i>ECOC '98</i> , 20-24, 1998
	17	Aso et al., "Broadband Four-Wave Mixing Generation In Short Optical Fibres," <i>Electronics Letters</i> , Vol. 36, No. 8, 2000

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EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.